

Claims

- [c1] 1. A method of registering a licensed module in a mobile device, the method comprising:
detecting the licensed module being initially accessed by a user of the mobile device;
collecting module parameters, the module parameters comprising at least a module identifier;
assembling a registration message comprising at least the module identifier; and
sending the registration message from the mobile device to a module activation system corresponding to a destination address stored in the mobile device.
- [c2] 2. The method of claim 1 further comprising encrypting the registration message prior to sending the registration message.
- [c3] 3. The method of claim 1 further comprising receiving an acknowledgement message from the module activation system.
- [c4] 4. The method of claim 3 further comprising suspending, at least in part, operation of the licensed module pending the receipt of the acknowledgement message.

- [c5] 5. The method of claim 1 wherein the sending of the registration message further comprises sending the registration message using a short message service (SMS).
- [c6] 6. The method of claim 1 wherein the registration message is a wireless application protocol (WAP) message and the sending of the registration message further comprises sending the registration message to a WAP server.
- [c7] 7. The method of claim 1 wherein the message comprises a series of dual-tone-multi-frequency (DTMF) tones, the destination address is a telephone number, and the sending of the registration message further comprises making a telephone connection to the telephone number.
- [c8] 8. The method of claim 2 wherein the sending of the registration message further comprises sending the registration message using a short message service (SMS).
- [c9] 9. The method of claim 2 wherein the registration message is a wireless application protocol (WAP) message and the sending of the registration message further comprises sending the registration message to a WAP server.

- [c10] 10. The method of claim 3 wherein the sending of the registration message further comprises sending the registration message using a short message service (SMS).
- [c11] 11. The method of claim 3 wherein the registration message is a wireless application protocol (WAP) message and the sending of the registration message further comprises sending the registration message to a WAP server.
- [c12] 12. The method of claim 1 further comprising requesting user approval of the sending of the registration message prior to sending the registration message.
- [c13] 13. The method of claim 9 further comprising requesting user approval of the sending of the registration message prior to sending the registration message.
- [c14] 14. The method of claim 1 further comprising selecting a delivery path for the registration message based on a delivery path parameter for the mobile device.
- [c15] 15. The method of claim 1 further comprising selecting a delivery path for the registration message based on a delivery path parameter from among the module parameters.
- [c16] 16. The method of claim 2 further comprising selecting a

delivery path for the registration message based on a delivery path parameter for the mobile device.

[c17] 17. The method of claim 2 further comprising selecting a delivery path for the registration message based on a delivery path parameter from among the module parameters.

[c18] 18. A mobile device operable to register a licensed module included therein, the mobile device comprising:
means for detecting the licensed module being initially accessed by a user of the mobile device;
means for collecting module parameters, the module parameters comprising at least a module identifier;
means for assembling a registration message comprising at least the module identifier; and
means for sending the registration message from the mobile device to a module activation system corresponding to a destination address stored in the mobile device.

[c19] 19. The mobile device of claim 18 further comprising means for encrypting the registration message.

[c20] 20. The mobile device of claim 18 further comprising means for receiving an acknowledgement message from the module activation system.

- [c21] 21. The mobile device of claim 20 further comprising means for suspending, at least in part, operation of the licensed module pending the receipt of the acknowledgement message.
- [c22] 22. The mobile device of claim 18 further comprising means for requesting user approval of the sending of the registration message.
- [c23] 23. The mobile device of claim 19 further comprising means for requesting user approval of the sending of the registration message.
- [c24] 24. The mobile device of claim 18 further comprising means for selecting a delivery path for the registration message based on a delivery path parameter for the mobile device.
- [c25] 25. The mobile device of claim 18 further comprising means for selecting a deliver path for the registration message based on a delivery path parameter from among the module parameters.
- [c26] 26. A mobile device comprising:
a radio frequency (RF) block for sending messages over a telecommunication network; and
a processor platform for controlling the operation of the

mobile device, the processing platform further comprising:

at least one licensed module including module parameters comprising a module identifier; and

a module handler operable to collect the module parameters and cause a registration message to be assembled upon initial access of the licensed module by a user, the registration message comprising at least the module identifier;

wherein the processing platform is further operable to cause the mobile device to send the registration message through the RF block to a module activation system corresponding to a destination address stored in the mobile device.

[c27] 27. The mobile device of claim 26 wherein the processor platform is further operable to cause encryption of the registration message prior to sending the registration message.

[c28] 28. The mobile device of claim 26 wherein the processor platform is further operable to cause the mobile device to receive an acknowledgement message and selectively suspend, at least in part, operation of the licensed module pending receipt of the acknowledgement message.

[c29] 29. The mobile device of claim 26 wherein the registra-

tion message is formatted for a short message service (SMS).

[c30] 30. The mobile device of claim 26 wherein the registration message is a wireless application protocol (WAP) message.

[c31] 31. The mobile device of claim 26 wherein the message comprises a series of dual-tone-multi-frequency (DTMF) tones and the destination address is a telephone number.

[c32] 32. The mobile device of claim 27 wherein the registration message is formatted for a short message service (SMS).

[c33] 33. The mobile device of claim 27 wherein the registration message is a wireless application protocol (WAP) message.

[c34] 34. The mobile device of claim 28 wherein the registration message and the acknowledgement message are formatted for a short message service (SMS).

[c35] 35. The mobile device of claim 28 wherein the registration message and the acknowledgement message are wireless application protocol (WAP) messages.

[c36] 36. The mobile device of claim 26 wherein the module

handler is operable to retrieve a stored value for the destination address from the module parameters, and wherein the module handler further comprises a default value for the destination address.

[c37] 37. The mobile device of claim 27 wherein the module handler is operable to retrieve a stored value for the destination address from the module parameters, and wherein the module handler further comprises a default value for the destination address.

[c38] 38. The mobile device of claim 29 wherein the module handler is operable to retrieve a stored value for the destination address from the module parameters, and wherein the module handler further comprises a default value for the destination address.

[c39] 39. The mobile device of claim 30 wherein the module handler is operable to retrieve a stored value for the destination address from the module parameters, and wherein the module handler further comprises a default value for the destination address.

[c40] 40. The mobile device of claim 31 wherein the module handler is operable to retrieve a stored value for the destination address from the module parameters, and wherein the module handler further comprises a default

value for the destination address.

- [c41] 41. The mobile device of claim 26 wherein the processing platform is further operable to select a delivery path for the registration message based on a stored delivery path parameter for the mobile device.
- [c42] 42. The mobile device of claim 26 wherein the module parameters further comprise a delivery path parameter.
- [c43] 43. The mobile device of claim 27 wherein the processing platform is further operable to select a delivery path for the registration message based on a stored delivery path parameter for the mobile device.
- [c44] 44. The mobile device of claim 27 wherein the module parameters further comprise a delivery path parameter.
- [c45] 45. An activation system for licensed modules in mobile devices, the activation system comprising:
 - a network interface operable to receive registration messages from a telecommunication network; and
 - a data repository operable to store module parameters received in the registration messages, the module parameters comprising module identifiers and time parameters, so that a count of active licensed modules can be maintained.

- [c46] 46. The activation system of claim 45 wherein the network interface is further operable to send acknowledgement messages in response to the registration messages.
- [c47] 47. The activation system of claim 45 wherein at least some of the registration messages are received through a short message service (SMS).
- [c48] 48. The activation system of claim 45 wherein at least some of the registration messages are wireless application protocol (WAP) messages.
- [c49] 49. The activation system of claim 45 wherein at least some of the registration messages are a series of dual-tone-multi-frequency (DTMF) tones received over a telephone connection.
- [c50] 50. The activation system of claim 46 wherein at least some of the registration messages are received and at least some of the acknowledgement messages are sent through a short message service (SMS).
- [c51] 51. The activation system of claim 46 wherein at least some of the registration messages and at least some of the acknowledgement messages are wireless application protocol (WAP) messages.

- [c52] 52. The activation system of claim 46 wherein at least some of the registration messages comprise a series of dual-tone-multi-frequency (DTMF) tones received over a telephone connection.
- [c53] 53. The activation system of claim 46 further comprising a decryption system operable to process encrypted registration messages.
- [c54] 54. The activation system of claim 46 further comprising an decryption system operable to process encrypted registration messages and an encryption system to encrypt the acknowledgement messages.
- [c55] 55. The module activation system of claim 45 further comprising facilities for managing the data repository.
- [c56] 56. The module activation system of claim 55 wherein the facilities for managing the data repository are operable to transmit reports.
- [c57] 57. The module activation system of claim 46 further comprising facilities for managing the data repository.
- [c58] 58. The module activation system of claim 57 wherein the facilities for managing the data repository are operable to transmit reports.